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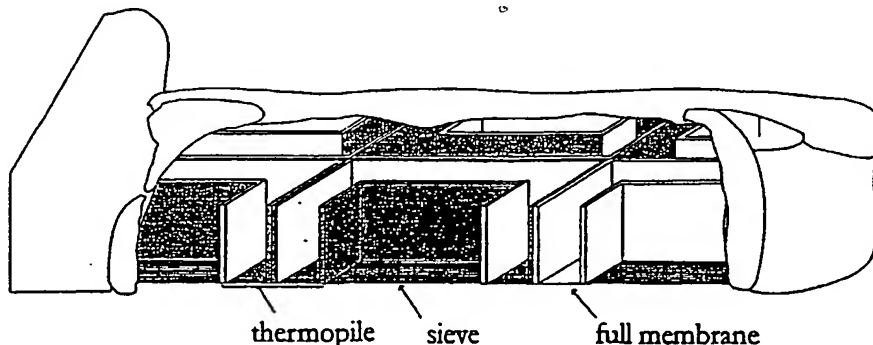
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- (71) Applicant (*for all designated States except US*): INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM [BE/BE]; Kapeldreef 75, B-3001 Heverlee (BE).
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- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): VERHAEGEN, Katarina [BE/BE]; Brouwersstraat 131, B-3000 Leuven (BE).
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- (74) Agents: VAN MALDEREN, Joëlle et al.; Office van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).
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(54) Title: MICROPHYSIOMETER



(57) Abstract: The present invention is related to an array device for monitoring the effect of a physical or chemical stimulus on multiple small samples, said array device comprising a supporting substrate at least two array elements that are separated from each other by a isolation zone, said array elements comprising: • A receiving zone arranged to provide a contact between said one of said samples and said physical or chemical stimulus, said receiving zone having a cross-section smaller than 10 mm. • A heat detection means arranged to perform a measurement of heat between said receiving zone and a reference, and said isolation zone being formed by at least part of said supporting substrate characterised in that said supporting substrate has sufficient strength to support said array device and said isolation zone is arranged to thermally isolate said array elements.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

B. FIELDS SEARCHED
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

X	EP 0 921 391 A (IMEC INTER UNI MICRO ELECTR) 9 June 1999 (1999-06-09)
Y	paragraphs '0002!','0007!'- '0009!','0020!','0021!; figure 1
X	MAYER G ET AL: "NANOTITERPLATES FOR SCREENING AND SYNTHESIS" BIOMETHODS, BIRKHAUSER, BASEL, CH, 1999, pages 75-128, XP000911754 ISSN: 1018-6255
Y	page 105, paragraph 4.6 -page 111 page 85 -page 86

1-4, 7, 8,
10, 11,
13, 14,
16-18
5, 12, 15

1,6-8

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☒ Patent family members are listed in annex.

☒ Further documents are listed in the continuation of box C.

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Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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